

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7	"363483".ap.	US-PGPUB; USPAT; USOCR; FPRS; JPO; IBM_TDB	OR	ON	2010/02/23 11:17
L2	83	olek-alex\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2010/02/23 11:20
L3	62	piepenbrock.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2010/02/23 11:22
L4	118	piepenbrock.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 11:23
L5	1	"5882870".pn.	US-PGPUB; USPAT; USOCR; FPRS; JPO; IBM_TDB	OR	ON	2010/02/23 11:49
L9	31	("diaphorase" "hexokinase" "galactose oxidase") near5 label\$4	US-PGPUB; USPAT; USOCR; FPRS; JPO; IBM_TDB	OR	ON	2010/02/23 12:03
L10	240	("diaphorase" "hexokinase" "galactose oxidase" (glucose near6 dehydrogenase\$2)) near5 label\$4	US-PGPUB; USPAT; USOCR; FPRS; JPO; IBM_TDB	OR	ON	2010/02/23 12:04
L11	0	("diaphorase" "hexokinase" "galactose oxidase" (glucose near6 dehydrogenase\$2)) near5 label\$4 near9 advantag\$7	US-PGPUB; USPAT; USOCR; FPRS; JPO; IBM_TDB	OR	ON	2010/02/23 12:04
L12	103	I10 and @pd< "20040131"	US-PGPUB; USPAT; USOCR; FPRS; JPO; IBM_TDB	OR	ON	2010/02/23 12:04

L13	16	I12 and label\$4 near5 (nucleic \$5nucleotide\$2)	US-PGPUB; USPAT; USOCR; FPRS; JPO; IBM_TDB	OR	ON	2010/02/23 12:05
S1	0	"587831".pn.	US-PGPUB; USPAT; USOCR; FPRS; JPO; IBM_TDB	OR	ON	2010/02/18 12:35
S2	5	"587831".ap.	US-PGPUB; USPAT; USOCR; FPRS; JPO; IBM_TDB	OR	ON	2010/02/18 12:36
S3	2	("20040018492" "5118801").pn.	US-PGPUB; USPAT; USOCR; FPRS; JPO; IBM_TDB	OR	ON	2010/02/18 12:40
S4	8	stanzel-manfr\$.in. and inhibit\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2010/02/18 14:23
S5	0	(inhibit\$4 near5 (enzym\$6 protein\$2)) near9 ((nucleic \$5nucleotide\$2) near5 hybridiz\$6) same conformation\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2010/02/18 14:25
S6	1814	(inhibit\$4 sa,e (enzym\$6 protein\$2)) same ((nucleic \$5nucleotide\$2) same hybridiz\$6) same conformation\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2010/02/18 14:26
S7	145	(inhibit\$4 same (enzym\$6 protein\$2)) same ((nucleic \$5nucleotide\$2) same hybridiz\$6) same conformation\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2010/02/18 14:27
S8	115	S7 and (immobili\$7 fix\$2 \$5array\$2 \$5chip\$2) same (nucleic \$5nucleotide \$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2010/02/18 14:27
S9	36	S8 and (dehydrogenase\$2 diaphorase\$2 hexokinase \$2 oxidase\$5)	US-PGPUB; USPAT; USOCR; FPRS; JPO; IBM_TDB	OR	ON	2010/02/18 14:31
S10	176	(inhibit\$4 inactivat\$4) same (enzym\$6 protein \$2) same (nucleic \$5nucleotide\$2) same hybridiz\$6 same (allosteric \$4 conformation\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2010/02/18 14:32

S11	136	S10 and (immobilized fix chip) same (nucleic acid nucleotide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2010/02/18 14:32
S12	41	S11 and (dehydrogenase diaphorase hexokinase oxidase)	US-PGPUB; USPAT; USOCR; FPRS; JPO; IBM_TDB	OR	ON	2010/02/18 14:33
S13	15	"molecular switch" same (inhibit inactivated off) same ((bind hybridize) near (sample analyte nucleic acid nucleotide))	US-PGPUB; USPAT; USOCR; FPRS; JPO; IBM_TDB	OR	ON	2010/02/18 14:36
S14	3	((enzyme catalyst) near (end termin)) near "molecular beacon"	US-PGPUB; USPAT; USOCR; FPRS; JPO; IBM_TDB	OR	ON	2010/02/18 14:42
S15	4	("2020051986" "6361942" "6428957" "6444421" "20040096866").pn.	US-PGPUB; USPAT; USOCR; FPRS; JPO; IBM_TDB	OR	ON	2010/02/18 14:51
S16	36	(disrupt) same (catalyzed enzyme protein) same (nucleic acid nucleotide) same hybridized same (allosteric conformation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2010/02/18 14:57
S17	75	(disrupt dissociated) same (catalyzed enzyme protein) same (nucleic acid nucleotide) same hybridized same (allosteric conformation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2010/02/18 14:58
S18	111	"molecular beacon" same (luciferase dehydrogenase diaphorase hexokinase oxidase)	US-PGPUB; USPAT; USOCR; FPRS; JPO; IBM_TDB	OR	ON	2010/02/18 15:10
S19	1	"molecular beacon" same (label near (luciferase dehydrogenase diaphorase hexokinase oxidase))	US-PGPUB; USPAT; USOCR; FPRS; JPO; IBM_TDB	OR	ON	2010/02/18 15:11
S20	31	S18 and @pd< "20040131"	US-PGPUB; USPAT; USOCR; FPRS; JPO; IBM_TDB	OR	ON	2010/02/18 15:12

S21	442	((((target\$2 analyte\$2 sample\$2 nucleic \$5nucleotide\$2) near7 (anneal\$4 hybridiz\$4 bind \$4)) near5 probe\$2) near9 ((inhibit\$4 inactivat \$6 disrupt\$4 decreas\$4 diminish\$4 minim\$4) near6 (label\$4 signal\$4 enzyme\$2 protein\$2 cataly \$4))	US-PGPUB; USPAT; USOCR; FPRS; JPO; IBM_TDB	OR	ON	2010/02/18 15:26
S22	123	S21 and @pd<"20040131"	US-PGPUB; USPAT; USOCR; FPRS; JPO; IBM_TDB	OR	ON	2010/02/18 15:27
S23	78	S22 and (label\$4 signal \$4) near4 (enzyme\$2 protein\$2 cataly\$4)	US-PGPUB; USPAT; USOCR; FPRS; JPO; IBM_TDB	OR	ON	2010/02/18 15:27
S24	81	(allosteric\$4 near5 inhibit \$4) near8 substrat\$4 near5 bind\$4	US-PGPUB; USPAT; USOCR; FPRS; JPO; IBM_TDB	OR	ON	2010/02/18 15:39
S25	72	S24 and (nucleic \$5nucleotide\$2)	US-PGPUB; USPAT; USOCR; FPRS; JPO; IBM_TDB	OR	ON	2010/02/18 15:39
S26	12	S25 and @pd<"20040131"	US-PGPUB; USPAT; USOCR; FPRS; JPO; IBM_TDB	OR	ON	2010/02/18 15:40
S27	78	kurn-nuri\$.in.	US-PGPUB; USPAT; USOCR; FPRS; JPO; IBM_TDB	OR	ON	2010/02/19 08:25
S28	78	kurn-nurit\$.in.	US-PGPUB; USPAT; USOCR; FPRS; JPO; IBM_TDB	OR	ON	2010/02/19 08:25
S29	9	("5688648" "5340716" "3999345" "4174384" "4261968" "4996143" "5565322" "5709994" "5925517").pn.	US-PGPUB; USPAT; USOCR; FPRS; JPO; IBM_TDB	OR	ON	2010/02/19 08:50
S30	5	S29 and (protein\$2 enzyme\$2 aptamer\$4) near4 label\$4	US-PGPUB; USPAT; USOCR; FPRS; JPO; IBM_TDB	OR	ON	2010/02/19 08:50

S31	0	S29 and (aptamer\$4) near4 label\$4	US-PGPUB; USPAT; USOCR; FPRS; JPO; IBM_TDB	OR	ON	2010/02/19 08:51
S32	0	S29 and (dehydrogenase \$2 diaphorase\$2 hexokinase\$2 oxidase\$5)	US-PGPUB; USPAT; USOCR; FPRS; JPO; IBM_TDB	OR	ON	2010/02/19 08:51
S33	1	S29 and (dehydrogenase \$2 diaphorase\$2 \$5kinase \$2 oxidase\$5)	US-PGPUB; USPAT; USOCR; FPRS; JPO; IBM_TDB	OR	ON	2010/02/19 08:51
S34	3	"587831".pn.cao.in. and timberlake.in.	US-PGPUB; USPAT; USOCR; FPRS; JPO; IBM_TDB	OR	ON	2010/02/23 09:05
S35	3	cao.in. and timberlake.in.	US-PGPUB; USPAT; USOCR; FPRS; JPO; IBM_TDB	OR	ON	2010/02/23 09:06

2/23/2010 12:17:34 PM

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